

2.8 The electric motor as claimed in claim 1, wherein the connecting leads of the position sensor are led to a solvent-free space.

2.9 The electric motor as claimed in claim 1, wherein the electrical conductor is a coil.

2.10 The electric motor as claimed in claim 1, wherein the electrical conductor is a pulse wire arranged transversely with respect to movement of magnet poles of the rotor.

2.11 The electric motor as claimed in claim 1, wherein the rotor has position magnets arranged away from its permanent magnets and opposite the position sensor.

2.12 The electric motor as claimed in claim 1, wherein the rotor has a disk which is arranged away from its permanent magnets and is in operative connection with the position sensor and has independently magnetized regions.

#### REMARKS

Applicants respectfully request entry of this amendment prior to examination of this application.

Respectfully submitted,

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MAYER, BROWN & PLATT  
P.O. Box 2828  
Chicago, Illinois 60690-2828  
312/701-8786

By

Robert J. Depke, Reg. No. 37,607